

NEW! New Holland 790CP Windrow Pickup Headers

790CP-12 790CP-15



MODEL	CONFIGURATION	HEADER WIDTH	PICKING WIDTH
790CP-12	Grass seed	12 ft. (3.65 m)	11 ft. 11 in. (3.63 m)
790CP-15	Small grain	15 ft. (4.57 m)	14 ft. 11.5 in. (4.55 m)

You'll gather wider windrows and save more grain with the new 12- and 15-foot 790CP windrow pickup headers from New Holland. Both models are designed to operate at faster field speeds with reduced seed loss to boost your harvesting productivity.

Wider picking

The 15-foot 790CP windrow pickup uses three five-foot belts and offers two feet more picking width than the previous 14-foot model and 8.5 inches more than the previous 16-foot header. The 12-foot grass seed windrow pickup uses a single 12-foot belt and gathers a 10-inch wider area than the previous 12-foot windrow pickup.

Save more grain and seeds

Both the 12- and 15-foot models use fewer belts than competitive models, reducing the risk of seed loss between belts. Taller, square cleats "paddle" the seed to the auger. In addition, the 12-foot 790CP uses extra picking fingers to capture more seeds and a slower auger speed for gentler handling. A center-supported picking belt eliminates slipping, and vulcanized drive rollers provide increased traction that reduces slipping of the picking belt. A seed dam is integrated into the header floor to prevent seed/grain loss.

Excellent flotation

The flexing pickup frame allows up to 12 inches of flex within the frame to smoothly follow rough terrain. Mechanical suspension adjusts ground force

with a single wrench. Terrain Tracer™ automatic flotation uses two sensors instead of one to provide a consistent ground clearance across the entire pickup.

Smooth feeding

A 26-inch-diameter floating auger with five-inch flighting handles heavy crop and feeds it smoothly into the combine. Adjusting the auger up and down has been simplified. The auger can be locked or set to allow either 5/8" or 1-1/4" of float to handle slugs. A double drive sprocket allows you to slow or speed up the auger to match your needs. A double V pattern provides clean even sweeping into feeder and prevents material wrapping and carry over. And, a new, patented rubber retention system prevents broken auger fingers from entering the combine. Fingers can be replaced easily by removing spring pin from plastic holder. Tines require no tools for assembly and you can adjust pitch with a single pin and handle.

Optional features

- Hydraulic float option allows you to change flotation sensitivity on the fly from the cab for optimum flotation over rough fields.
- Castor gauge wheel option allows the header to smoothly follow ground contours. (Fixed gauge wheels are standard and common mounting holes allow for an easy upgrade.)
- Front windguard option helps contain and feed large windrows into the auger and can be locked up and out of the way when not required.

790CP Window Pickup Header Specifications

MODEL	12 FOOT	15 FOOT
MAINFRAME		
Construction	Full welded construction	
Top beam HSS tubing, in. (mm)	6 x 6 x .125 (150 x 150 x 4)	
Lower beam	Fabricated trapezoid, 0.12" (3 mm)	
Welded in backsheets, in. (mm)	(3)	(3)
Welded in auger floor thickness, in. (mm)	(4)	(4)
AUGER		
Fabricated center tube, in. (mm)	16 (406) OD	16 (406) OD
Flighting depth, in. (mm)	5 (154)	5 (154)
OD, in. (mm)	26 (660)	26 (660)
Flight thickness, in. (mm)	0.25 (6)	0.25 (6)
Pitch flights, in. (mm)	24 (610)	24 (610)
Bolt on flight extensions		
Sprockets	138 rpm standard, optional driven sprockets	
Auger can be fixed or allowed a 5/8" or 1.25" of float		
Can be adjusted vertically		
Adjustable timing on RH end		
FEEDING		
Full length fingers		
Double V pattern retractable fingers		
Steel fingers – 16mm OD		
Plastic finger holders		
Break groove in finger		
Rubber finger retainer – patent pending		
Plastic recessed finger guides		
AUGER DRIVES		
RC80 chain		
Driver	13T/ 11T	14T/ 12T
Auger speed, rpm	174 / 144	187 / 160
LH drive only	Direct drive from feeder drive shaft to auger stub shaft	
Drive protection	626 ft-lb (850 Nm) radial pin slip clutch	
Chain tension adjustment	A push plate and jam nuts	
DIMENSIONS		
Overall width, in. (mm)	168 (4260)	204 (5175)
Fixed wheels, in. (mm)	175 (4450)	211 (5365)
Castor wheels, in. (mm)	189 (4805)	225 (5720)
Shipping weight, lbs. (kg)	3090 (1402)	3180 (1442)

Easy hookup

A single-point hydraulic multi-coupler allows for direct fit to any New Holland CR or CX combine, and the single-point 31-pin electrical connector with header recognition makes electrical hookup easy too. In addition, 790CP windrow pickups make use of the same frame and auger design used by larger New Holland direct-cut auger headers, so you are assured of a robust design.

Simple power delivery

The new 790CP headers use clean, simple power delivery with no daily maintenance requirement. The PTO shaft supplies power to auger drive chain, the hydraulic motor supplies direct power to the rear pickup roller which, in turn, powers the belt-driven rear transfer roller.

Built for durability

The fully welded mainframe features a 6" x 6" main tube for maximum strength and integrity. The auger floor is also welded, and the strong, RC80 auger drive chain transfers the load of heavy crops and windrows with less chain stretch to provide long a reliable service.



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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.



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